## EV550715560

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|---|-------------------------|
| lication Serial No                          | 10/10/705,685           |
| Confirmation No                             |                         |
| Filing Date                                 | November 10, 2003       |
| Inventors                                   |                         |
| Assignee                                    | Micron Technology, Inc. |
| Group Art Unit                              | 2632                    |
| Examiner                                    | Tai T. Nguyen           |
| Customer No                                 | 021567                  |
| Attorney Docket No                          | MI40-382                |
| Title: Miniature Radio Frequency Transceive | er                      |

## INFORMATION DISCLOSURE STATEMENT

References – See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. No admission is made regarding whether all the submitted references are prior art.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits (37 CFR §1.97(b)(3)). Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Information Disclosure Statement, please charge the fee specified under 37 C.F.R. Section 1.17(p) to Deposit Account No. 23-0925..

Respectfully submitted,

Dated: Time 24, 7005 By:

Deepak Malhotra Reg. No. 33,560

| Form PTO-1449 |            |
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U.S. DEPARTMENT OF COMMERCE PARENT AND TRADEMARK OFFICE

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

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| APPLICANT |  |

APPLICANT JOHN R. TUTTLE

ATTY. DOCKET NO.

FILING DATE NOV. 10, 2003 GROUP 2632

SERIAL NO.

10/705,685

## U.S. PATENT DOCUMENTS

| Examiner<br>Initial |    | Document<br>Number | Date        | Name                             | Class         | Subclass |       | ng Date<br>propriat |
|---------------------|----|--------------------|-------------|----------------------------------|---------------|----------|-------|---------------------|
|                     | AA | 3,706,094          | 12/1972     | COLE ET AL                       | 342           | 44       |       |                     |
|                     | AB | 3,750,167          | 07/1973     | GEHMAN ET AL.                    | 342           | 44       |       |                     |
|                     | AC | 3,780,368          | 12/1973     | NORTHEVED ET AL.                 | 342           | 44       |       |                     |
|                     | AD | 3,832,530          | 08/1974     | REITBOCK ET AL.                  | 342           | 44       |       |                     |
|                     | AE | 3,849,633          | 11/1974     | REITBOCK ET AL.                  | 235           | 487      |       |                     |
|                     | AF | 4,049,969          | 09/1977     | SALONIMER ET AL.                 | 356           | 5        |       |                     |
|                     | AG | 4,331,957          | 05/1982     | ENANDER ET AL.                   | 342           | 22       |       |                     |
|                     | AH | 4,399,441          | 11/1983     | VAUGHN ET AL.                    | 342           | 50       |       |                     |
|                     | AI | 4,412,356          | 10/1983     | KLAUS ET AL.                     | 455           | 603      |       |                     |
|                     | AJ | 4,418,411          | 11/1983     | STREITZEL                        | 340           | 870.16   |       |                     |
|                     |    |                    | FOREI       | GN PATENT DOCUMENTS              |               | •        |       |                     |
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|                     | AK |                    |             |                                  |               |          | Yes   | No                  |
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| Form PT             | O-1449   | )                  |          |                 | ATTY. DOC<br>MI40-382    | KET NO | 0.  |             | AL NO.<br>95,685              |  |
|                     | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF ART CITED BY APPLICANT  (Use several sheets if necessary) |                    |          |                 | . DEPARTMENT OF COMMERCE |        |     |             |                               |  |
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|                     | AA   | 4,484,355          | 11/19841 | HENKE ET AL.    |                          | 455    | 76  | 5           |                               |  |
|                     | AB   | 4,539,472          | 09/1985  | POETKER ET AL.  |                          | 235    | 488 | 8           |                               |  |
|                     | AC   | 4,724,340          | 05/1988  | NOWIK ET AL.    |                          | 340    | 572 | 2           |                               |  |
|                     | AD   | 4,724,427          | 02/1988  | CARROLL         |                          | 340    | 572 | 2           |                               |  |

#### AF 05/1988 NATH ET AL. 437 2 4,746,618 AG 4,746,830 05/1988 **HOLLAND** 310 313 ΑH STURGIS ET AL. 290 4,756,717 07/1988 427 ΑI TERAOKA ET AL. 395 4,777,563 10/1988 361 ΑJ 4,783,646 11/1988 MATSUZAKI 340 572 FOREIGN PATENT DOCUMENTS

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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE       | APPLICANT<br>JOHN R. TUTTLE  |                          |
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|                     |                                   |                    | U.S         | . PATENT DOCUME                       | ENTS                         |          |        |               |     |                      |
| Examiner<br>Initial |                                   | Document<br>Number | Date        | Name                                  |                              | Class    | Sut    | bclass        |     | ng Date<br>propriate |
|                     | AA                                | 4,827,110          | 05/1989     | ROSSI ET AL.                          |                              | 235      | 37     | 6             |     |                      |
|                     | AB                                | 4,827,395          | 05/1989     | ANDERS ET AL.                         |                              | 364      | 13     | 8             | -   |                      |
|                     | AC                                | 4,854,328          | 08/1989     | POLLACK                               |                              | 128      | 73     | 6             |     |                      |
|                     | AD                                | 4,911,217          | 03/1990     | DUNN ET AL.                           |                              | 152      | 15     | 2.1           |     |                      |
|                     | AE                                | 4,918,631          | 04/1990     | HARA ET AL.                           |                              | 364      | 70     | 8             |     |                      |
|                     | AF                                | 4,942,327          | 07/1990     | WATANABE ET AL                        | <i>1</i> .                   | 310      | 31     | 3 R           |     |                      |
|                     | AG                                | 4,960,983          | 10/1990     | INOUE                                 |                              | 235      | 44     | 9             |     |                      |
|                     | AH                                | 4,962,415          | 10/1990     | <b>УАМАМОТО ЕТ А</b>                  | L.                           | 357      | 7.     | 4             |     |                      |
|                     | AI                                | 5,008,776          | 04/1991     | QUEYSSAC                              |                              | 361      | 39     | 2             |     |                      |
|                     | AJ                                | 5,023,573          | 06/1991     | ADAM                                  |                              | 333      | 1      | 7.2           |     |                      |
|                     |                                   |                    | FOREI       | GN PATENT DOCU                        | MENTS                        |          |        | ,             |     |                      |
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|                     | AK                                |                    |             |                                       |                              | -        |        |               | Yes | No                   |
|                     | AL                                |                    |             |                                       |                              |          |        |               |     |                      |
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|                     | AA | 5,095,240          | 03/19921    | NYSEN ET AL.   | 310       | 313       |       |                      |
|                     | AB | 5,124,782          | 06/1992     | HUNDT ET AL.   | 257       | 724       |       |                      |
|                     | AC | 5,134,277          | 07/1992     | YERBURY ET AL.                                       | 250       | 214       |       |                      |
|                     | AD | 5,144,314          | 09/1992     | MALMBERG ET AL.                                      | 342       | 44        |       |                      |
|                     | AE | 5,148,504          | 09/1992     | LEVI ET AL.  | 385       | 14        |       |                      |
|                     | AF | 5,153,710          | 10/1992     | McCAIN   | 357       | 75        |       |                      |
|                     | AG | 5,164,732          | 11/1992     | BRACKELSBY ET AL.                                    | 342       | 44        |       |                      |
|                     | AH | 5,175,418          | 12/1992     | TANAKA   | 235       | 439       |       |                      |
|                     | AI | 5,214,410          | 05/1993     | VERSTER  | 340       | 572       |       |                      |
|                     | AJ | 5,274,221          | 12/1993     | MATSUBARA  | 235       | 492       |       |                      |
|                     | 1  |                    | FOREI       | GN PATENT DOCUMENTS                                  |           | ·         |       |                      |
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|                     | AP |                    |             | , 16, 1644 , 18 <sup>-20</sup> , 18 , 1 <sup>2</sup> |           |           |       |                      |
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|  | AA | 5,302,954          | 04/1994     | BROOKS ET AL.                |               | 342        | 44            |       |                      |
|  | AB | 5,313,211          | . 05/1994   | TOKUDA ET AL.                |               | 340        | 50            |       |                      |
|  | AC | 5,317,309          | 05/1994     | VERCELLOTTI E                | T AL.         | 340        | 825           |       |                      |
|  | AD | 5,337,063          | 08/1994     | TAKAHIRA                     |               | 343        | 741           |       |                      |
|  | AE | 5,340,968          | 08/1994     | WATANABE ET A                | L.            | 235        | 380           |       |                      |
|  | AF | 5,347,263          | 09/1994     | CARROLL ET AL.               |               | . 340      | 825           |       |                      |
|  | AG | 5,414,427          | 05/1995     | GUNNARSON                    |               | 342        | 825           |       |                      |
|  | AH | 5,448,110          | 09/1995     | TUTTLE ET AL.                |               | 257        | 723           |       |                      |
|  | AI | 5,497,140          | 03/1996     | TUTTLE                       |               | 342        | 51            |       |                      |
|  | AJ | 5,572,226          | 11/1996     | TUTTLE                       | ****          | . 343      | 726           |       |                      |
|  |    |                    | FOREI       | GN PATENT DOCU               | MENTS         |            |               |       |                      |
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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE          |                              |                          |  |
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|    | Document<br>Number                            | Date        | Name  | Class          | Subclass | Filir<br>If Ap | ng Date<br>propriate |
| AA | 5,719,586                                     | 02/19981    | TUTTLE ET AL.   | 343            | 726      |                |                      |
| AB | 5,776,278                                     | 07/1998     | TUTTLE ET AL.   | 156            | 213      |                |                      |
| AC | 5,779,839                                     | 07/1998     | TUTTLE ET AL.   | 156            | 213      |                |                      |
| AD | 5,955,949                                     | 09/1999     | COCITA  | 340            | 572      |                |                      |
| AE | 5,982,284                                     | 11/1999     | BALDWIN ET AL.  | 340            | 572      |                |                      |
| AF | 6,265,977                                     | 07/2001     | VEGA ET AL.   | 340            | 572      |                |                      |
| AG | 6,294,998                                     | 09/2001     | ADAMS ET AL.  | 340            | 572      |                |                      |
| AH |   |             |   |                |          |                |                      |
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|    | AB AC AD AE AF AG AH AI AJ  AK AL AM AN AO AP | Number      | AA       5,719,586       02/19981         AB       5,776,278       07/1998         AC       5,779,839       07/1998         AD       5,955,949       09/1999         AE       5,982,284       11/1999         AF       6,265,977       07/2001         AG       6,294,998       09/2001         AH       AI       AI         AI       Date       Date         Number       Date       Date         AK       AL       AM         AM       OTHER REFERENCES (in AN)         AO       AP | Number         | Number   | Number         | Number               |

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